



Northern Power Systems

Company Overview

January 2011

Direct.

Northern Power Systems Profile Today...

- **Headquartered in Vermont, USA, near the capital of Montpelier**
- **160 employees in 4 locations; two production facilities (100K SF & 50K SF)**
- **Deeply experienced wind turbine company with proven, proprietary technology that delivers:**
 - **More power**
 - **More of the time**
 - **Lower cost and lower risk**
- **Two primary lines of business, both manufacturing and selling PMDD wind turbines:**
 - **Distributed Wind – Sell NPS 100 KW turbines to communities , businesses, farms and schools ... Developing NPS 450 KW turbine to complete product offering**
 - **Utility Wind – Developing, testing & installing NPS 2.2 MW wind turbines designed for on-shore utility market**
- **Current customers include US Navy, US Customs Service, Johnson Controls, MITIE, & BTI (John Deere), Heritage Sustainable Energy**



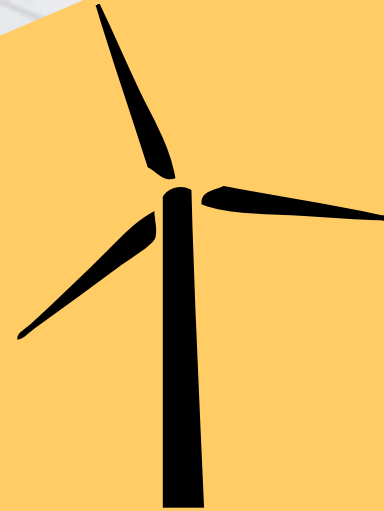
NPS Today...

***230th NPS 100
to be sold this year...***



NPS 100, launched 2008
Distributed Generation

100KW
120 feet



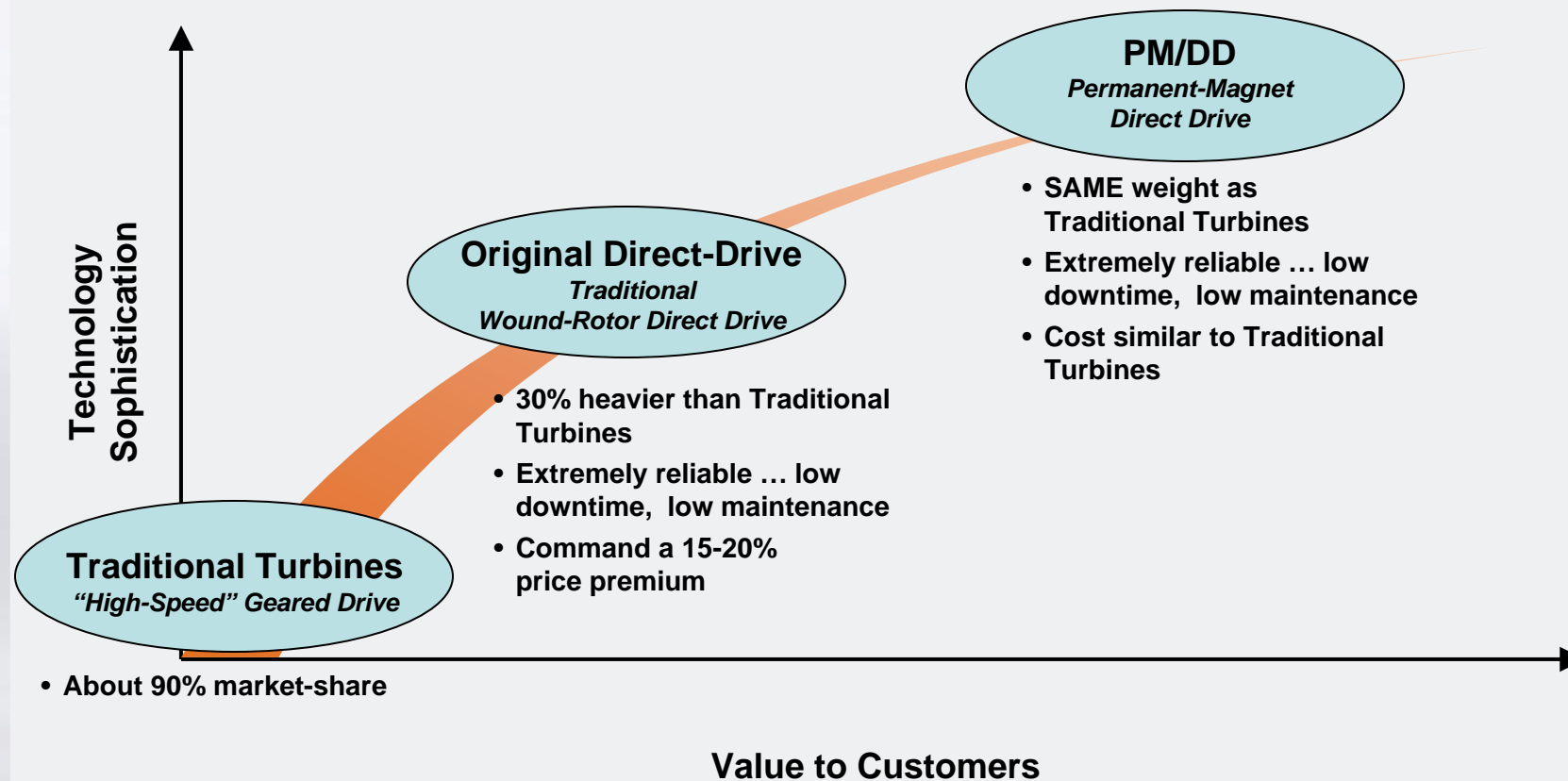
NPS 2.2, launched 2010
Utility Generation

2.2MW
325 feet

Next-generation PM/DD Technology ... No Gearbox






Permanent magnet/direct-drive (PM/DD) technology is disruptive

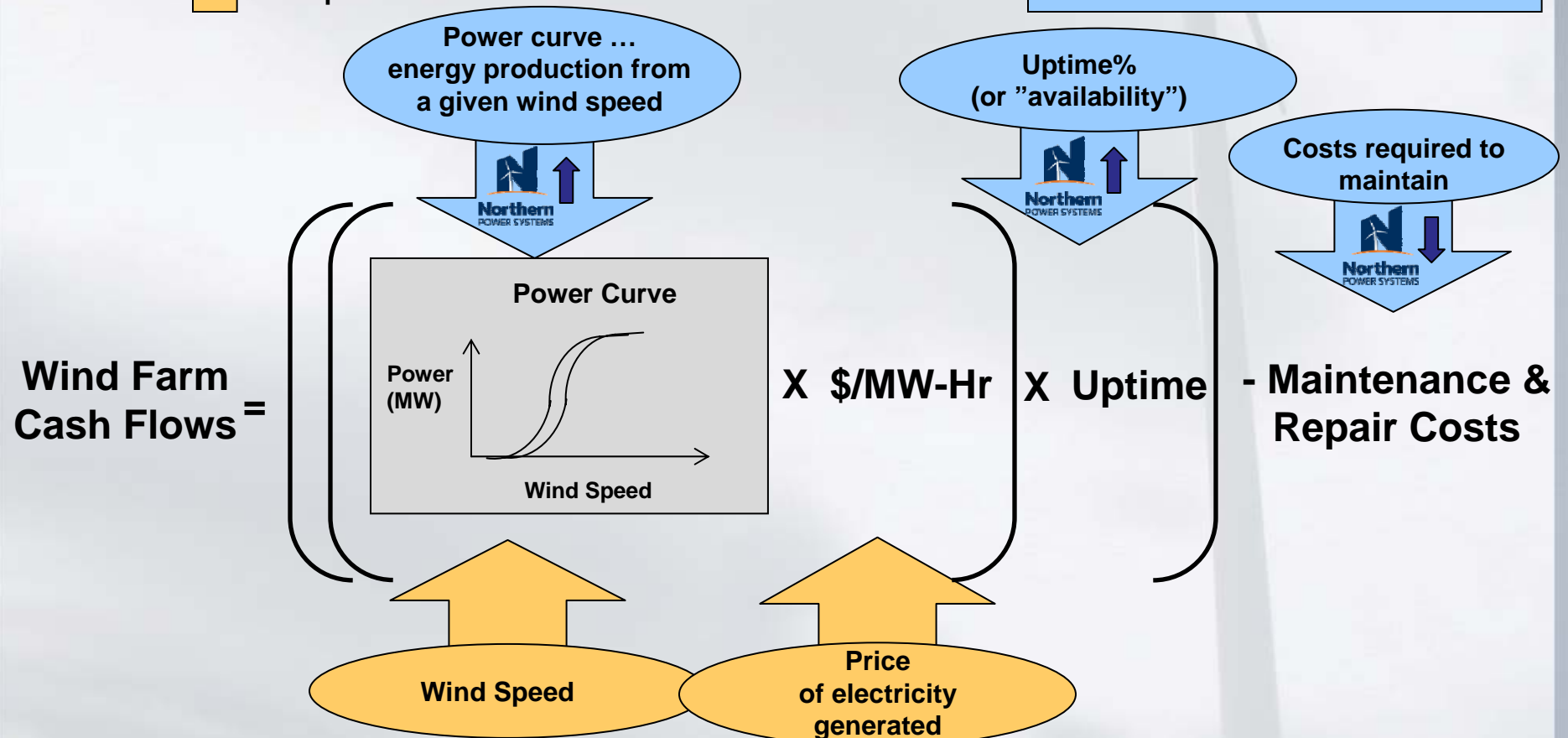


Key Wind Farm Cash Flow Drivers ... NPS value proposition

Key Drivers of Wind Farm Cash Flows

-  Turbine-specific Drivers
-  Site-specific Drivers

 Captures more energy
... more of the time
... at LOWER cost!



NPS Vermont USA headquarters ...



NPS 100 turbines powering remote villages in Alaska ...



7



Direct.

NPS 100 installation at a luxury resort ...



Urban NPS 100 installation at bus station in London, UK ...



NPS 100 state-of-the-art production line in Vermont, USA ...



10



Direct.

NPS 100 state-of-the-art production line in Vermont, USA ...



11



Direct.

NPS 100 state-of-the-art production line in Vermont, USA ...

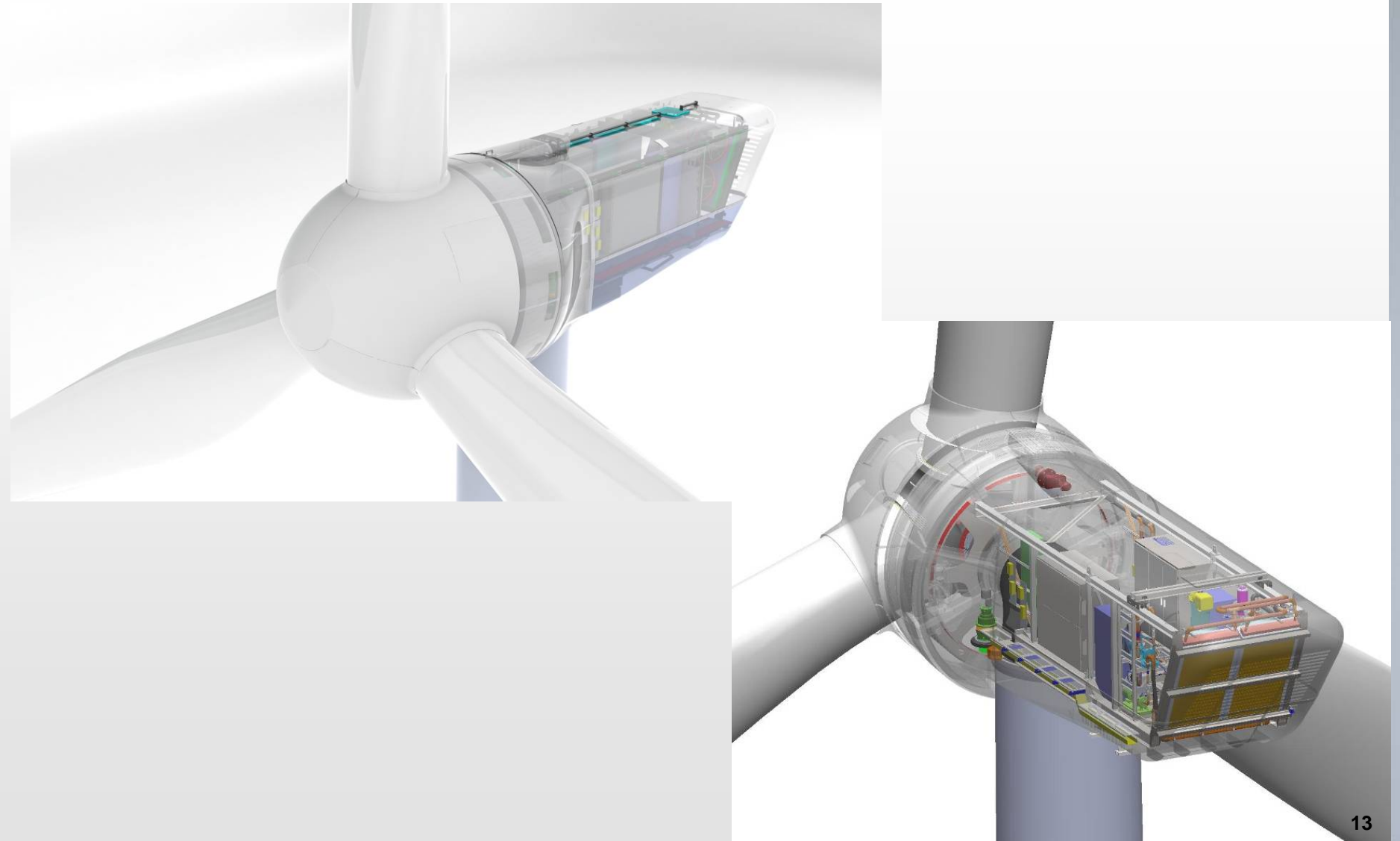


12



Direct.

NPS 2.2 turbine now built & undergoing extensive testing ...



13



Direct.

NPS 2.2 turbine's nacelle cover in Michigan, USA ...



14



Direct.

Completed NPS 2.2 Prototype launched in Michigan, USA ...



15



Direct.

Prototype #1 at Stoney Corners I wind-farm ...



- **Prototype #1 Partner:**
Heritage Sustainable Energy
- **29MW Stoney Corners I site**
- **McBain, Michigan**

